

COLUMBIA STATE COMMUNITY COLLEGE

2021 Governor's Investment in Technical Education (GIVE 2.0)

Program Title: Emergency Medical Technician Training Program in Hickman County Schools

Lead Entity Name: Columbia State Community College

Fiscal Agent: Columbia State Community College

IN PARTNERSHIP WITH:

Workforce/Economic Development Agency:
Hickman County Economic & Community Development

LEA/School District Name:
Hickman County Schools

Employer Partners:
Hickman County EMS
Perry County EMS
Maury Regional EMS
Dickson County EMS

Project Director:
Gregory Johnson
1665 Hampshire Pike
Columbia, TN 38401
(931) 540-2792

gjohnson27@columbiastate.edu

Funding requested:
\$999,400.00



Janet F. Smith, Ph.D., President



Gregory Johnson, Project Director

(Fiscal Agent)

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Abstract/Project Summary

To help reach the Tennessee's "Drive to 55" goal, Columbia State Community College proposes to offer a Basic Emergency Medical Technician (EMT-B) program at Hickman County Schools (HCS). If funded, this grant project will substantially contribute towards the goal of increasing the college-going rate in Hickman County by five percent. Articulations for six dual credit courses will be in effect, all of which pertain to the EMT-B technical certificate. The EMT-B program requires 96 hours of clinical rotations during enrollment, therefore WBL opportunities are integrated in the program, and Columbia State has existing partnerships with emergency medical services providers in the region. The pathway that Hickman County students start in EMT-B is easily transitioned to higher education at the TCAT, community college, and university levels. Students wishing to complete a credential can earn a TCAT diploma, community college technical certificate, an associates of applied science, and/or a bachelor degree. Completed coursework also comes with the necessary preparation to sit for the National Registry certification exam, allowing students the opportunity to enter the workforce directly out of high school at the EMT-B level.

With the funding from this grant, a state-of-the-art mobile unit will be designed and constructed to be used as classroom space. Equipment purchased for the mobile classroom will mirror the highest demands of today's educational environment and allow for the use of advanced technology in simulation and other forms of high impact practices. Additionally, an ambulance will be purchased for hands-on, real-world training. Funding will also be used for salary and benefits for an instructor for dual enrollment courses. Tuition and fees collected by the college for dual enrollment courses, as well as EMT-B program graduates who subsequently enroll in the AEMT program, will sustain the project beyond the grant period.

SECTION 1: DEMONSTRATION OF NEED

Columbia State Community College serves nine counties in southern middle Tennessee. Within its service area, Columbia State has five campuses with an overall enrollment of over 5,500 students. The College has a solid working relationship with each K-12 school district in its service area, including Hickman County Schools (HCS). HCS will partner with Columbia State on this grant proposal.

The Columbia State Emergency Medical Services (EMS) Academy offers Basic Emergency Medical Technician (EMT-B), Advanced EMT (AEMT), and Paramedic certificate programs. The EMT-B program at the College is the entry-level, one-semester training program designed to train civilians in the basics of medical and trauma emergencies, as well as an introduction into the emergency medical services. Students are required to complete 96 hours of clinical rotations during EMT-B. EMTs who wish to further advance their career must pass the Advanced EMT program, which is also offered as a one-semester, 16 credit hour certificate. AEMTs are eligible for employment in Tennessee public and private sector ambulance services and learn more in-depth content including invasive medical procedures and greater breadth and depth in pathophysiology. The paramedic program is the pinnacle pre-hospital professional licensure pathway and is a 3-semester, competitive admissions program. EMT-B courses also can feed into an Associate of Applied Science in General Technology or Associate of Science University Parallel at Columbia State. Middle Tennessee State University and Columbia State have developed a program to allow EMT Paramedic graduates at Columbia State to transfer all required credits earned for the certificate to MTSU toward the completion of a Bachelor of Science in Professional Studies with a concentration in Organizational Leadership.

The concept of EMT training in high schools has been implemented in other areas of the country, but is new to Tennessee. With a recent initiative passed by the Tennessee Board of EMS, students are now eligible to obtain their Basic EMT license, as long as they have their diploma will be 18 years old within six months of taking the licensing exam. Modeling after the current partnership between David Crockett High School in Jonesborough, Tennessee and Northeast State Community College, which graduated their inaugural class this past May, Columbia State proposes to launch an EMT-B certification program initially at East Hickman High School and then rotating at other area high schools. Students would graduate high school with a postsecondary, career entry certification, as well as have the option to continue on to the Advanced EMT and subsequent paramedic programs at Columbia State or other postsecondary institution.

Tennessee and other states are facing a declining EMS workforce. While the number of licensed personnel is level, EMTs are maintaining licenses and leaving ambulance services for other fields that offer more comfortable work environments with better hours such as industrial facilities, clinics, and hospital emergency departments. The high stress nature of the job also leads to turnover in the field. EMS workers may go on to choose to pursue careers in nursing, physical therapy, athletic trainer, or any other health sciences professions. EMTs and paramedics may also advance into other related healthcare occupations, such as physician assistants and medical assistants, as well as administrative positions in various healthcare settings, such as ambulatory care companies or hospitals.

Drive to 55

This grant proposal will provide the opportunity for high school students to earn college level credits by offering EMT-B training in high school. This will increase the number of

students with certificates and provide the skilled labor for EMT positions available throughout the state. County data compiled by TSAC on the Drive to 55 website indicates that annually 13 additional students from Hickman County must enroll in college to increase the college-going rate by five percent.

	Postsecondary Enrollment Rate¹	Number of Additional Students Needed to Enroll in College to Increase the College-Going Rate by 5%²
Hickman County	57.6%	13

Funding of the Emergency Medical Technician Training Program in high schools grant project can increase the college-going rate. For this grant, the proposed target is to increase the “college going rate” in Hickman county by enrolling 12 students in the EMT-B program. Over the course of the 30-month TN GIVE grant, EMT-B can be offered at least three times to at least 36 students. The target was derived given the following parameters: a.) average 2020 high school graduation rate for HCS was 91.3%³ and b.) not all students will be interested in EMT. The goal also aligns with the state required instructor student ratio for skills, which is 12:1. Additionally, the overall target gives the grant project six months to purchase equipment and two full years of implementation.

U.S. Bureau of Labor Statistics

The US Bureau of Labor Statistics Occupational Outlook Handbook projects a 6% increase nationwide in EMT and Paramedics employment from 2019 to 2029, with an increase of 17,000 jobs. With an average growth rate for all occupations at 4%, the 6% increase for EMT and paramedic employment is above average. The Handbook notes that age-related health emergencies, due to growth in middle-aged and older populations, will create a greater demand

¹ https://www.tn.gov/content/dam/tn/education/data/2017-18_grad_rate_district.csv

² <https://driveto55.org/>

³ https://www.tn.gov/content/dam/tn/education/data/2019-20_district_grad_rate_suppressed.csv

for EMT and paramedic services. Additionally, more EMTs and paramedics will be needed to transfer patients with specific conditions to a growing number of specialized medical facilities. Replacement workers will also be needed for workers who leave the occupation due to the high stress nature of the job or to seek opportunities in other healthcare occupations.

According to the Bureau of Labor Statistics Occupational Employment and Wages, May 2020, Tennessee shows healthy employment for Emergency Medical Technicians and Paramedics.⁴

Area Name	Employment per 1,000 jobs	Location Quotient*
Tennessee	2.309	1.25
Chattanooga, TN-GA	2.271	1.23
Clarksville, TN-KY	1.976	1.07
East Tennessee	1.772	0.96
Jackson, TN	4.787	2.58
Johnson City, TN	3.584	1.93
Kingsport-Bristol-Bristol, TN-VA	4.668	2.52
Knoxville, TN	2.210	1.19
Memphis, TN-MS-AR	2.213	1.19
Nashville-Davidson--Murfreesboro--Franklin, TN	1.647	0.89
North Central Tennessee	5.240	2.83
South Central Tennessee	3.842	2.07
West Tennessee	3.626	1.96

*The location quotient is the ratio of the area concentration of occupational employment to the national average concentration. A location quotient greater than one indicates the occupation has a higher share of employment than average.

⁴ https://www.bls.gov/oes/current/oes_tn.htm

MIT Living Wage

Wage information for Williamson County, the most affluent county in Tennessee according to Forbes,⁵ was used as the benchmark to determine if the occupations associated with these programs constitute a living wage. This is an ambitious yardstick, and using this benchmark would clearly demonstrate the viability of graduates in Emergency Medical Services. According to the MIT Living Wages Calculator, the annual income to constitute a living wage for one adult in Williamson County is **\$30,867**. According to the Bureau of Labor Statistics Occupational Employment and Wages, May 2020, annual mean wages for EMTs and Paramedics exceed this Williamson County living wage throughout the state:

Area Name	Annual Mean Wage ⁶
Tennessee	\$39,010
Chattanooga, TN-GA	\$38,890
Clarksville, TN-KY	\$31,790
East Tennessee	\$32,830
Jackson, TN	\$37,960
Johnson City, TN	\$40,370
Kingsport-Bristol-Bristol, TN-VA	\$39,750
Knoxville, TN	\$32,060
Memphis, TN-MS-AR	\$42,350
Nashville-Davidson--Murfreesboro--Franklin, TN	\$43,460
North Central Tennessee	\$34,470
South Central Tennessee	\$32,110
West Tennessee	\$37,700

TN Education and Workforce Maps

Tennessee Board of Regents TN Education & Workforce Maps provides information about higher education and job projections across the state. The job outlook for EMT and paramedic jobs in the state is strong, including areas where demand is categorized as “Highest” and “High” as indicated in the table below.

⁵ <https://www.forbes.com/sites/andrewdepietro/2021/03/08/the-richest-counties-in-the-us-by-state/>

⁶ https://www.bls.gov/oes/current/oes_tn.htm

Region	Demand Level	Projected Average Annual Job Openings	Projected Ratio of Graduates to Jobs	Projected Annual Job Growth Rate
Greater Memphis	Highest	110	0.87	2.6%
Northern Middle	High	160	1.10	1.9%
Upper Cumberland	High	25	1.40	1.6%
East	High	110	1.54	1.9%
Northeast	High	60	1.08	2.0%
Southwest	Medium	25	1.68	1.8%
Northwest	Medium	30	1.77	1.9%
Southern Middle	Medium	15	12.20	1.0%
Southeast	Low	40	4.55	3.3%

Jobs4TN.gov

Data from Jobs4TN.gov shows that there are **301** open Emergency Medical Technicians and Paramedics positions, as of August 29, 2021. There are **0.14** candidates available per job opening. The top 10 employers with highest number of job openings advertised were:

Rank	Employer Name	Job Openings
1	Lifeguard Ambulance Service LLC	29
2	Priority Ambulance	22
3	Grifols Inc.	17
4	HCA Healthcare, Inc.	17
5	Covenant Health	16
6	Rural/Metro of Tennessee, L.P.	12
7	Erlanger Health System	11
8	MedicOne Medical Response	10
9	American Medical Response of Tennessee, Inc.	8
10	Tenet Healthcare Corporation	8

Additional Supporting Data

Projections Central, a website sponsored by the US Department of Labor's Employment & Training Administration, includes long-term labor projections (2018–2028) for participating states. Emergency Medical Technician and Paramedics are projected at a growth rate of 10%, with 550 projected annual job openings.

LinkedIn website stated on August 31, 2021 that 228 Emergency Medical Technician and Paramedic jobs are available in Tennessee. Other job titles with multiple job openings appearing

in the search results include Emergency Room Technician (55), Dialysis Patient Care Technician (29), Care Specialists (23), and Administrative Care Technician (18).

CareerOneStop, which uses information from O*NET Bright Outlook occupations and My Next Move career outlook designations at the national level, projects new job opportunities for Emergency Medical Technicians as very likely in the future, categorizing the outlook in Tennessee as “Bright.”

SECTION 2: PROGRAM PLAN

Basic Emergency Medical Technician (EMT-B) will be a convenient program for Hickman County students with credentials for a variety of higher education pathways. Convenience will be found not only with the mobile lab, but also the multiple dual enrollment and dual credit opportunities Columbia State provides for Hickman County students. Articulations for six dual credit courses will be in effect, all of which pertain to the EMT-B technical certificate. The pathway that Hickman County students start in EMT-B is easily transitioned to higher education at the TCAT, community college, and university levels. Students wishing to complete a credential can earn a TCAT diploma, community college technical certificate, an associate of applied science, and/or a bachelor degree. Completed coursework comes with the necessary preparation to sit for the National Registry certification exam. The following outlines pathway options for Hickman County students.

Pathways

Pathways for this project include six courses at Hickman County Schools that will feed into either an Advanced Emergency Medical Technician (AEMT) technical certificate, Associate of Applied Science in General Technology, or Associate of Science University Parallel. A full course listing for EMT-B is available in Appendix C.

Project Timeline

The Hickman County EMT-B program will be implemented in two phases. Phase I will serve as the initial phase in which equipment is ordered and the initial class is taught at East Hickman High School to 12 students. In Phase II, the mobile trailer will allow for transport of the classroom to various high schools in surrounding counties showing need including but not limited to Dickson, Perry, Marshall, and Lewis Counties.

Dec 2021	<ul style="list-style-type: none"> • Phase I begins • Order capital equipment • Hire instructor • Place EMT-B course in Columbia State dual enrollment class schedule • Develop dual credit articulations for EMT-B technical certificate
Spring 2022	<ul style="list-style-type: none"> • Purchase additional skills equipment • Install equipment, tables, and computers in mobile unit • Promote new EMT-B curriculum at East Hickman High School • Enroll students for fall program start • Late spring, unveil mobile unit at open house to help with interest
Fall 2022	<ul style="list-style-type: none"> • Phase I continues with initial course held at East Hickman High School (12 students in initial course) • Students experience first advising sessions • Monitor student progress at weeks 3, 7, and 10 of semester and communicate progress with students and counselors using Navigate system • Students participate in Work-Based-Learning (Clinical) opportunities • Promote EMT-B program at High Schools in surrounding counties of need • Place remainder EMT-B class in spring dual enrollment class schedule. • Enroll students in spring 2023 remaining EMT-B class • Review of program and progress towards goals
Spring 2023	<ul style="list-style-type: none"> • Phase I continues with remainder of initial course held at East Hickman High School (12 students in initial course) • Monitor student progress at weeks 3, 7, and 10 of semester and communicate progress with students and counselors using Navigate system • Students participate in Work-Based-Learning (Clinical) opportunities • Promote EMT-B program at High Schools in surrounding counties of need • Place EMT-B class in fall dual enrollment class schedule. • Enroll students in fall 2023 EMT-B class • Students attempt National Registry at successful completion of course

	<ul style="list-style-type: none"> • Review of program and progress towards goals
Summer 2023	<ul style="list-style-type: none"> • Mobile unit is moved to area high school of local need • Equipment reviewed for repair/replacement
Fall 2023	<ul style="list-style-type: none"> • Phase II begins with 2nd EMT-B course held at area high school of need (24 students in all subsequent offerings) • Students experience first advising sessions • Monitor student progress at weeks 3, 7, and 10 of semester and communicate progress with students and counselors using Navigate system • Students participate in Work-Based-Learning (Clinical) opportunities • Promote EMT-B program at high schools in surrounding counties of need • Place remainder EMT-B class in spring dual enrollment class schedule. • Enroll students in spring 2024 remaining EMT-B class • Review of program and progress towards goals
Spring 2024	<ul style="list-style-type: none"> • Phase II continues with remainder of initial course held at area high school of need (24 students in all subsequent offerings) • Monitor student progress at weeks 3, 7, and 10 of semester and communicate progress with students and counselors using Navigate system • Students participate in Work-Based-Learning (Clinical) opportunities • Promote EMT-B program at high schools in surrounding counties of need • Place EMT-B class in fall dual enrollment class schedule. • Enroll students in fall 2024 EMT-B class • Students attempt National Registry at successful completion of course • Review of program and progress towards goals

Objectives

Phase I

- 12 students will enroll in the program at HCS.
- 75% of enrolled students will pass course work with a grade of C or better in each semester.
- 50% of students will enroll in additional post-secondary classes for subsequent semester to continue with AEMT Technical Certificate or AS/AAS degree pathway at area TCAT or Columbia State Community College.

Phase II

- 24 students will enroll in the program at area high school of need.

- 75% of enrolled students will pass course work with a grade of C or better in each semester.
- 50% of students will enroll in additional post-secondary classes for subsequent semester to continue with AEMT Technical Certificate or AS/AAS degree pathway at area TCAT or Columbia State Community College.
- 15% of students will continue education at a university to obtain BS degree utilizing EMT-B course electives in public safety degree.

Project Totals

- 36 students will enroll in EMT-B dual enrollment courses.
- 75% students will pass coursework with a grade of C or better.
- 50% students will enroll in additional post-secondary classes for subsequent semester.
- All students will participate in WBL.
- 15% students will enroll at postsecondary institutions in AEMT, AS, AAS, or BS programs.

Governance and Accountability

Governance and accountability for the grant will be primarily the responsibility of Columbia State and specifically, the EMT Program Coordinator, Dr. David Cauthen. Dr. Cauthen is the EMS Education Program Director. Mr. Greg Johnson is the EMT Coordinator. Dr. Cauthen personally will oversee the budget and order equipment. Mr. Johnson will work with Hickman County Schools to establish schedules for class times. Dr. Cauthen will work with the Mr. Johnson to ensure staffing of the dual enrollment classes and collect data for outcome analysis.

Work-Based-Learning

Work-based-learning (WBL) opportunities will be offered by Hickman County Emergency Medical Services, and other area EMS providers such as Perry County EMS, Maury Regional EMS (Lewis County), and Dickson County EMS. A Columbia State EMS Instructor will coordinate WBL and/or a Columbia State EMS Academy Program Director/Coordinator based on the enrollment status of each individual student. Students will enroll in EMSB 1111 and EMSB 1112. WBL will be a minimum of 96 hours. Students will be expected to conduct themselves in a professional manner at all times on the jobsite and will be evaluated by preceptors on the following criteria: oral communication skills, written communication skills, ability to work as a team member, attendance, appearance, and ability to complete assessments and assigned/ appropriate skills. Preceptors will provide shift evaluations throughout clinical experiences.

Equipment

The technology equipment for EMT-B will be housed in a state-of-the-art mobile unit designed to transform into a 1,000-ft.² classroom with space for 24 students and an instructor with laptops. Areas for teamwork planning will also be available. The equipment requested for this grant has been selected to mirror the highest demands of today's educational environment and allow for the use of advanced technology in simulation and other forms of high impact practices. A mix of the most common laptop/tablet platforms was selected, Lenovo and iPad products. Lenovo will utilize Microsoft software, which is the most commonly, used in area schools and the Apple iPad will allow the students to utilize augmented reality technology to explore human anatomy. Laptops will be used to provide the proper level of functionality and

convenience for a mobile unit. The following items constitute the majority of the equipment to be purchased.

- 4- Lenovo - ThinkPad P52 15.6" Laptop - Intel Core i7 - 16GB Memory - NVIDIA Quadro P1000 - 512GB Solid State Drive - Black
- 15- Apple - MacBook Pro - 15.4" Display - Intel Core i7 - 16GB Memory - AMD Radeon Pro 560 - 2TB Solid State Drive - Space Gray
- Lenovo Secure Managed Client 8332 Network Storage Server - 1 x Intel Xeon E5205 1.86 GHz - 6 TB (12 x 500 GB 2 x 120 GB) - RJ-45 Network V
- 3- 4k (55 Inch or Higher) TV screens for graphic display
- 1 – SMART board for interactive lesson mapping/display
- 1- 3Feathers Customs 53 ft. double expandable trailer, 1,000 ft² w/ HVAC and WiFi
https://video.wixstatic.com/video/51ced6_c54b8585728345faa99edd51d8854684/1080p/mp4/file.mp4
- 1 used semi-tractor with 300 hp minimum.

SECTION 3: STRENGTH OF PARTNERSHIPS

Students participating in EMT-B will benefit greatly from several existing partnerships that include postsecondary articulations as well as WBL relationships with are EMS services.

Hickman County Schools & Columbia State Articulations

Hickman County Schools and Columbia State will develop course articulations for EMSB courses including EMSB 1601, EMSB 1602, EMSB 1101, EMSB 1102, EMSB 1111, and EMSB 1112. See Appendix C for course descriptions.

WBL Partners

Multiple area county EMS services have been longstanding partners of EMS education at Columbia State Community college including Hickman County EMS, Dickson County EMS, Maury Regional EMS (Lewis County), and a recent partner in Perry County EMS. These agencies invest time and resources into allowing Columbia State EMS students to attend clinicals with their respective agencies. These WBL opportunities provide the student with opportunity rich environments for learning, growth, and job placement (Appendix B).

TCAT Articulations

Tennessee Colleges of Applied Technology (TCAT) have a statewide articulation for EMT-B and AEMT coursework (Appendix D). TCAT Hohenwald is located in Lewis County and adjoins Hickman County's southern border. Students attending the Hickman County EMS-B courses can transfer credits to/from TCAT to/from Columbia State.

MTSU Articulation

Middle Tennessee State University (MTSU) has a transfer pathway for students obtaining the AAS General Technology degree to 50+ elective credit toward a BS in Professional Studies with a major in Organizational Leadership.

University Programs

Many other universities in Tennessee and across the U.S. accept EMT-B training toward BS degrees in public safety.

SECTION 4: BUDGET PLAN

Capital Expenses and Supplies

Mobile Unit & Ambulance - The largest percentage of budget (Appendix A) requests for the EMT-B program are embedded in the mobile classroom, ambulance, and computer technology

contained within. The mobile unit will enable Hickman County Schools to provide EMT-B classes at multiple area high schools as opposed to having a central location for course delivery. This is important due to the lack of licensed EMT-B's in the county. The attractiveness of the unit per exterior graphic arts will entice students to explore and select EMT-B academic and career pathways. A used semi-tractor will move the unit from school to school as needed. Special electrical connections to serve the unit will be installed at each school. The unit will contain 4 of the highest end laptops, 15 iPads, a server, classroom tables and chairs, and interactive display technology for increased learning. The ambulance will be utilized for hands-on, real-world training.

Salaries and Benefits

Columbia State will provide an instructor for dual enrollment courses and the grant will pay for the instructor's salary and benefits.

Travel Conference and Meetings

Funding requests in this line item are for instructor training for Columbia State faculty to expand the usefulness of the mobile unit. Other funds will be used for WBL conferences for industry partners.

SECTION 5: SUSTAINABILITY

The EMT-B program will continue past the 30-month grant period due to the commitments of Hickman County Schools, Columbia State, and the industry partners to the program. Partnerships will continue to grow and solidify. Tuition and fees collected by the college for dual enrollment courses, as well as EMT-B program graduates who subsequently enroll in the AEMT program, will sustain funding for the instructor's salary for courses taught in the mobile unit. Hickman County and Columbia State will assume maintenance of the unit and will include the

technology equipment maintenance/ upgrades. Maintaining communications for EMT-B program between East Hickman High School and Columbia State will be the responsibility of the Hickman County Schools CTE Executive Director and the Columbia State EMS Academy Program Director. Maintenance and growth of the WBL aspects of EMT-B will be the responsibility of the EMS Program Director for Columbia State. Annual meetings will be held with all parties to review outcomes and plan for the coming year.

SECTION 6: ECONOMIC STATUS ACKNOWLEDGEMENT

Hickman County is categorized as transitional, with an index value rank of 2,208 out of 3,113 counties in the U.S. The County has a per capita market income of \$23,983, a poverty rate of 18.70%, and three-year average unemployment rate of 3.3. Future program expansion could place the program in Perry (distressed) and Lewis (at-risk) Counties. Perry County EMS has agreed to provide WBL opportunities for students in this program.

GRANT BUDGET				
GIVE 2.0 Emergency Medical Technician Training Program in Hickman County Schools				
The grant budget line-item amounts below shall be applicable only to expenses incurred during the following				
Applicable Period: BEGIN: 12/1/21 END: 05/31/24				
POLICY 03 Object Line-item Reference	EXPENSE OBJECT LINE- ITEM CATEGORY ¹	GRANT CONTRACT	GRANTEE PARTICIPATION	TOTAL PROJECT
1, 2	Salaries, Benefits & Taxes	\$74,900.00	0.00	\$74,900.00
4, 15	Professional Fee, Grant & Award ²	0.00	0.00	0.00
5, 6, 7, 8, 9, 10	Supplies, Telephone, Postage & Shipping, Occupancy, Equipment Rental & Maintenance, Printing & Publications	\$72,500.00	0.00	\$72,500.00
11, 12	Travel, Conferences & Meetings	\$5,000.00	0.00	\$5,000.00
13	Interest ²	0.00	0.00	0.00
14	Insurance	\$5,000.00	0.00	\$5,000.00
16	Specific Assistance to Individuals	0.00	0.00	0.00
17	Depreciation ²	0.00	0.00	0.00
18	Other Non-Personnel ²	0.00	0.00	0.00
20	Capital Purchase ²	\$842,000.00	0.00	\$842,000.00
22	Indirect Cost	0.00	0.00	0.00
24	In-Kind Expense	0.00	0.00	0.00
25	GRAND TOTAL	\$999,400.00	0.00	\$999,400.00

Item Detail:**I. Mobile unit**

- | | | |
|--|-----------|---------|
| • 53' customized transformable mobile classroom w/ 1000ft ² | \$500,000 | Capital |
| • Horton Ambulance | \$200,000 | Capital |

II. Technology Needs

- | | | |
|--------------------------------------|----------|----------|
| • 15 Apple iPads @ \$1,500 ea. | \$22,500 | Supplies |
| • 4 Lenovo Laptops @ \$2,500 ea. | \$10,000 | Supplies |
| • 1 Lenovo network server @ \$10,000 | \$10,000 | Capital |

III. Classroom needs

- | | | |
|--|----------|----------|
| • 10 tables with chairs @ \$3,000 ea. | \$30,000 | Supplies |
| • 2 storage unit for laptops/iPads @ \$2,000 ea. | \$4,000 | Supplies |
| • 3 TV screens @ \$2,000 ea. | \$6,000 | Supplies |
| • 1 SMART board @ \$7,000 ea. | \$7,000 | Capital |
| • 1 teaching station @ \$25,000 ea. | \$25,000 | Capital |
| • EMS Operating Supplies (Skills Supplies) | \$60,000 | Capital |

IV. Road Tractor

- | | | |
|---|----------|---------|
| • 1 used day cab 300 min. hp @ \$30,000 | \$30,000 | Capital |
|---|----------|---------|

V. Mobile unit and tractor graphic art work

\$10,000	Capital
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Appendix B – Memorandum of Understanding

1. Hickman County Economic & Community Development
2. Hickman County Schools
3. Hickman County EMS
4. Perry County EMS
5. Maury Regional EMS
6. Dickson County EMS



HICKMAN COUNTY
TENNESSEE
Economic & Community Development Association

September 9, 2021

RE: Columbia State Community College 2021 TN GIVE Grant Proposal

This document attests Hickman County Economic & Community Development Association's support of Columbia State Community College's 2021 TN GIVE Grant proposal, Emergency Medical Technician Training Program in Hickman County Schools.

Upon the awarding of TN GIVE Grant funds associated with these grant projects and TBR approval, Hickman County Economic & Community Development Association will help to endorse the networking opportunities among the TN GIVE Grant educational and industry partners.

As part of the support Hickman County Economic & Community Development Association also acknowledges the 30-month duration of the TN GIVE Grant period of December 1, 2021 – May 31, 2024 and agrees to work with Columbia State within that TN GIVE Grant period.

The Hickman County Economic & Community Development Association greatly appreciates the opportunity to partner with Columbia State Community College in support of this critically important effort.

Hickman County Economic & Community Development Association:

Brenda Brock, Ex. Director 9-9-2021
Date

Columbia State Community College:

 9/14/2021
Janet F. Smith, Ph.D., President Date

AGREEMENT BETWEEN

**Columbia State Community College AND
Hickman County Schools
TN GIVE GRANT: Emergency Medical Technician Training Program in
Hickman County Schools
December 1, 2021- May 31, 2024**

This document attests Hickman County Schools' support of Columbia State Community College's 2021 TN GIVE Grant, *Emergency Medical Technician Training Program in Hickman County Schools*. Upon the awarding of TN Give Grant funds associated with this proposal and TBR approval, Hickman County Schools agrees to the following:

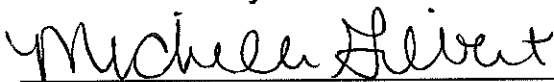
1. Participation in activities put forth in the grant
2. A representative designated by Hickman County Schools will serve on the Community Based Advisor for this grant
3. Students will be taking dual credit courses based on an articulation between Columbia State Community College and Hickman County Schools.
4. Students will take dual enrollment course using the Emergency Medical Technician Training Program.
5. Work with Columbia State faculty in the placement of 12th grade Emergency Medical Technician Training Program students into WBL placements provided as a result of TN GIVE Grant funding
6. Attendance of at least one high school CTE teacher or CTE Director at one of four designated conferences. (Attendance funded by this TN GIVE Grant.)

Both the Hickman County Schools and Columbia State Community College shall comply with all applicable State and Federal laws and regulations, including without limitation with the Family Educational Rights and Privacy Act (FERPA) and College policies and guidelines in the performance of this agreement.

This Agreement shall be effective for the period commencing on December 1, 2021 and ending on May 31, 2024. This agreement may be terminated by either party by giving written notice to the other at least thirty (30) days before effective date of termination.

IN WITNESS WHEREOF:

Hickman County Schools:



County Director of Schools

9/9/21

Date

Columbia State Community College:



Janet F. Smith, Ph.D., President

9/14/2021

Date

MEMORANDUM OF UNDERSTANDING BETWEEN
Columbia State Community College AND Hickman County EMS
GIVE 2.0 GRANT:
Emergency Medical Technician Training Program in Area K12 Schools
December 1, 2021 - May 31, 2024

This document attests to support by Hickman County (Tennessee) EMS for Columbia State Community College's 2021 TN GIVE Grant: Emergency Medical Technician Training Program in Area High Schools. Upon the awarding of TN GIVE Grant funds associated with this proposal and TBR approval, Hickman County EMS agrees to the following:

1. Offer at least one work-based learning (WBL) experience for Columbia State Emergency Medical Technician (EMT) students associated with this grant. The WBL students will be assigned for rotation(s) in conjunction with credit course(s).
Specifically, the WBL will:
 - a. Be in mutually agreed upon 8-12 hours shifts.
 - b. Include supervision of assigned students by qualified partner personnel.
 - c. Allow assigned students opportunities to practice and demonstrate proficiency of knowledge & skills typically performed by entry level EMTs.
 - d. Include the opportunity for Columbia State personnel to visit the agency and observe students interacting with personnel.
2. A representative designated by Hickman County EMS could serve on the Community Based Advisory Committee for this grant

Both Hickman County EMS and Columbia State Community College shall comply with all applicable State and Federal laws and regulations, including without limitation with the Family Educational Rights and Privacy Act (FERPA) and College policies and guidelines in the performance of this agreement.

This Agreement shall be effective for the period commencing on December 1, 2021 and ending on May 31, 2024. This agreement may be terminated by either party by giving written notice to the other at least thirty (30) days before effective date of termination.


IN WITNESS WHEREOF:

Hickman County TN EMS


Allen Livengood, Director

9/3/21
Date

Columbia State Community College:


Janet F. Smith, Ph.D., President

9/14/2021
Date

MEMORANDUM OF UNDERSTANDING BETWEEN
Columbia State Community College AND Perry County EMS
GIVE 2.0 GRANT:
Emergency Medical Technician Training Program in Area K12 Schools
December 1, 2021 - May 31, 2024

This document attests to support by Perry County (Tennessee) EMS for Columbia State Community College's 2021 TN GIVE Grant: Emergency Medical Technician Training Program in Area High Schools. Upon the awarding of TN GIVE Grant funds associated with this proposal and TBR approval, Perry County EMS agrees to the following:

1. Offer at least one work-based learning (WBL) experience for Columbia State Emergency Medical Technician (EMT) students associated with this grant. The WBL students will be assigned for rotation(s) in conjunction with credit course(s).
Specifically, the WBL will:
 - a. Be in mutually agreed upon 8-12 hours shifts.
 - b. Include supervision of assigned students by qualified partner personnel.
 - c. Allow assigned students opportunities to practice and demonstrate proficiency of knowledge & skills typically performed by entry level EMTs.
 - d. Include the opportunity for Columbia State personnel to visit the agency and observe students interacting with personnel.
2. A representative designated by Perry County EMS could serve on the Community Based Advisory Committee for this grant

Both Perry County EMS and Columbia State Community College shall comply with all applicable State and Federal laws and regulations, including without limitation with the Family Educational Rights and Privacy Act (FERPA) and College policies and guidelines in the performance of this agreement.

This Agreement shall be effective for the period commencing on December 1, 2021 and ending on May 31, 2024. This agreement may be terminated by either party by giving written notice to the other at least thirty (30) days before effective date of termination.


IN WITNESS WHEREOF:

Perry County TN EMS

Columbia State Community College:



Gary Rogers, Director



Janet F. Smith, Ph.D., President

9-2-21

Date

9/14/2021

Date

MEMORANDUM OF UNDERSTANDING BETWEEN
Columbia State Community College AND Maury Regional EMS
GIVE 2.0 GRANT:
Emergency Medical Technician Training Program in Area K12 Schools
December 1, 2021 - May 31, 2024

This document attests to support by Maury Regional (Tennessee) EMS for Columbia State Community College's 2021 TN GIVE Grant: Emergency Medical Technician Training Program in Area High Schools. Upon the awarding of TN GIVE Grant funds associated with this proposal and TBR approval, Maury Regional EMS agrees to the following:

1. Offer at least one work-based learning (WBL) experience for Columbia State Emergency Medical Technician (EMT) students associated with this grant. The WBL students will be assigned for rotation(s) in conjunction with credit course(s).
Specifically, the WBL will:
 - a. Be in mutually agreed upon 8-12 hours shifts.
 - b. Include supervision of assigned students by qualified partner personnel.
 - c. Allow assigned students opportunities to practice and demonstrate proficiency of knowledge & skills typically performed by entry level EMTs.
 - d. Include the opportunity for Columbia State personnel to visit the agency and observe students interacting with personnel.
2. A representative designated by Maury Regional EMS could serve on the Community Based Advisory Committee for this grant

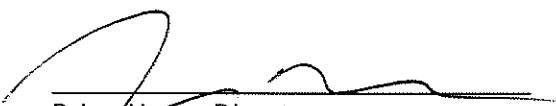
Both Maury Regional EMS and Columbia State Community College shall comply with all applicable State and Federal laws and regulations, including without limitation with the Family Educational Rights and Privacy Act (FERPA) and College policies and guidelines in the performance of this agreement.

This Agreement shall be effective for the period commencing on December 1, 2021 and ending on May 31, 2024. This agreement may be terminated by either party by giving written notice to the other at least thirty (30) days before effective date of termination.


IN WITNESS WHEREOF:

Maury Regional TN EMS

Columbia State Community College:



Brian Hupp, Director



Janet F. Smith, Ph.D., President



Date

9/14/2021

Date

MEMORANDUM OF UNDERSTANDING BETWEEN
Columbia State Community College AND Dickson County EMS
GIVE 2.0 GRANT:
Emergency Medical Technician Training Program in Area K12 Schools
December 1, 2021 - May 31, 2024

This document attests to support by Dickson County (Tennessee) EMS for Columbia State Community College's 2021 TN GIVE Grant: Emergency Medical Technician Training Program in Area High Schools. Upon the awarding of TN GIVE Grant funds associated with this proposal and TBR approval, Dickson County EMS agrees to the following:

1. Offer at least one work-based learning (WBL) experience for Columbia State Emergency Medical Technician (EMT) students associated with this grant. The WBL students will be assigned for rotation(s) in conjunction with credit course(s).
Specifically, the WBL will:
 - a. Be in mutually agreed upon 8-12 hours shifts.
 - b. Include supervision of assigned students by qualified partner personnel.
 - c. Allow assigned students opportunities to practice and demonstrate proficiency of knowledge & skills typically performed by entry level EMTs.
 - d. Include the opportunity for Columbia State personnel to visit the agency and observe students interacting with personnel.
2. A representative designated by Dickson County EMS could serve on the Community Based Advisory Committee for this grant

Both Dickson County EMS and Columbia State Community College shall comply with all applicable State and Federal laws and regulations, including without limitation with the Family Educational Rights and Privacy Act (FERPA) and College policies and guidelines in the performance of this agreement.

This Agreement shall be effective for the period commencing on December 1, 2021 and ending on May 31, 2024. This agreement may be terminated by either party by giving written notice to the other at least thirty (30) days before effective date of termination.

IN WITNESS WHEREOF:

Dickson County TN EMS




Donny Bear, Director

9-8-21

Date

Columbia State Community College:



Janet F. Smith, Ph.D., President

9/14/2021

Date

Emergency Medical Technician Technical Certificate

← Return to: [Programs of Study](#)

The Emergency Medical Technician-Basic (EMT) is an entry-level Emergency Medical Technician. The EMT renders life support to patients at the scene of injuries or illnesses and prepares these patients for transport to the hospital.

Total Credit Hours: 16

Students must contact program faculty directly to register for EMSB courses. Classes are offered on an intense 15 week schedule (10 weeks in summer semester). Students are also required to complete 96 hours of clinical rotations during their enrollment. *Some students may be required to complete coursework prior to enrolling in EMS classes depending upon competency placement in reading, writing, and math.*

[EMSB 1601 - EMT Medical Emergencies and EMS Operations](#)

EMSB 1601 - EMT Medical Emergencies and EMS Operations

Credits: 6

EMT Medical Emergencies and EMS Operations is the one of two lecture courses designed to provide the student with the knowledge of an entry-level Emergency Medical Technician (EMT). This course includes the following topics: Emergency Medical Technician-National Educational Standards competencies, roles and responsibilities of the EMT, workforce safety, wellness, public health, communications, documentation, EMS operations, medical/legal/ethical considerations, fundamental anatomy and physiology, life span development, fundamental pathophysiology, patient assessment, airway management, respiratory emergencies, cardiovascular emergencies, acute diabetic emergencies, abdominal and gastrointestinal emergencies, urologic emergencies, anaphylactic reactions, and behavioral emergencies. (NT)

Prerequisite(s): Admission to the EMT Program

Corequisite(s): [EMSB 1101](#) and [EMSB 1111](#)

[EMSB 1602 - EMT Trauma and Medical Emergencies](#)

EMSB 1602 - EMT Trauma and Medical Emergencies

Credits: 6

EMT Trauma and Medical Emergencies is the one of two lecture courses designed to provide the student with the knowledge of an entry-level Emergency Medical Technician (EMT). This course includes the following topics: obstetrics and gynecology, neonatal care, pediatric emergencies, geriatric emergencies, environmental emergencies, patients with special challenges, trauma and shock. Trauma and shock will include the following topics: bleeding, soft tissue injuries, head and spine injuries, face and neck injuries, chest injuries, abdominal and genitourinary injuries, and orthopedic injuries. (NT)

Corequisite(s) or Prerequisite(s): [EMSB 1601](#), [EMSB 1101](#), [EMSB 1111](#), [EMSB 1102](#), and [EMSB 1112](#) depending on delivery schedule.

[EMSB 1101 - EMT Medical Skills Lab](#)

EMSB 1101 - EMT Medical Skills Lab

Credits: 1

EMT Medical Skills Lab is a laboratory based course utilizing scenarios to emphasize EMS operations, communications, documentation, medical/ legal/ethical considerations, airway management, respiratory emergencies, cardiovascular emergencies, acute diabetic

emergencies, abdominal and gastrointestinal emergencies, urologic emergencies, anaphylactic reactions, behavioral emergencies, assisting with medication administration, and successful assessment of patients with a variety of medical concerns. This course includes application of principles and processes discussed in EMT Medical Emergencies. (NT)

Prerequisite(s): Admission to the EMT Program

Corequisite(s): [EMSB 1601](#) and [EMSB 1111](#)

[EMSB 1102 - EMT Trauma and Medical Skills Lab](#)

EMSB 1102 - EMT Trauma and Medical Skills Lab

Credits: 1

EMT Trauma and Medical Skills Lab is a laboratory based course utilizing scenarios to emphasize obstetrics and gynecology, neonatal care, pediatric emergencies, geriatric emergencies, environmental emergencies, patients with special challenges, trauma and shock. (NT)

Corequisite(s) or Prerequisite(s): [EMSB 1601](#), [EMSB 1101](#), [EMSB 1111](#), and [EMSB 1112](#) depending on delivery schedule.

[EMSB 1111 - EMT Clinical](#)

EMSB 1111 - EMT Clinical

Credits: 1

EMT Clinical is the one of two clinical courses designed to allow the student to meet all psychomotor and affective outcomes for the clinical requirements of an EMT program and build upon the concepts and knowledge learned in EMT Medical Emergencies and EMS Operations. (NT)

Prerequisite(s): Admission to the EMT Program

Corequisite(s): [EMSB 1601](#) and EMSB 1111.

[EMSB 1112 - EMT Field Internship](#)

EMSB 1112 - EMT Field Internship

Credits: 1

EMT Field Internship is the one of two clinical courses designed to allow the student to meet all psychomotor and affective outcomes for the clinical requirements of an EMT program and build upon the concepts and knowledge learned during prior and/or concurrent courses. (NT)

Corequisite(s) or Prerequisite(s): [EMSB 1601](#), [EMSB 1101](#), [EMSB 1111](#), [EMSB 1602](#), and [EMSB 1102](#) depending on delivery schedule.

Note(s):

Requirements for Graduation include:

1. Total certificate hours must be at least 16
2. earn 25% of total program credits in residence at Columbia State
3. earn GPA of at least 2.0 in program courses
4. earn a cumulative GPA of 2.0 or higher

Upon successful completion, the candidate is eligible to receive a Technical Certificate and challenge the National Registry exam to obtain National Certification as an EMT and Tennessee State licensure as an EMT or may advance into the AEMT Technical Certificate.

Students and advisors should run a degree audit from myChargerNet each semester to confirm classes are applicable to the program of study.

For more information regarding graduation rates, the median debt of students who completed the program and other important information, review [Gainful Employment Disclosures](#) found under [Consumer Information](#).

For more information contact:

Gregory S. Johnson at gjohnson27@columbiastate.edu or 931.540.2792

Health Sciences Division office at healthsciences@columbiastate.edu or 931.540.2600 or 931.540.2599

Detailed information is also available via: www.columbiastate.edu/emt-paramedic

Requirements for the EMT Technical Certificate Include:

EMT classes are completed in one semester. Class size is limited and is filled on a first to qualify basis. The following requirements must be met in order to enroll in EMT classes.

1. Complete application for admission to the College by submitting the following to the Admissions Office.
 - a. completed Application for Admission
 - b. official college transcripts
 - c. high school transcripts or High School Equivalency Diploma-HSE (GED® or HiSET®)
 - d. proof of immunization with two doses of Measles, Mumps, and Rubella (MMR) and Varicella Zoster (Chicken Pox) vaccines administered on or after the first birthday AND evidence of immunity via Titer.
2. EMT candidates must, at a minimum, place at Competency Level 1 in all categories (Math, Reading, Writing.) Competency status in each area is validated by ACT sub-scores OR through institutional placement testing.
3. Must be at least 18 year of age.

To successfully complete the courses/certificate, student must receive clearance from affiliates to participate in clinical education, develop skills, complete objectives and master required competencies.

1. Criminal background checks and drug screens are required by most clinical affiliates.
2. A clinical affiliate may choose to deny a student access to participate in clinical rotations at their facility based on the results of a student's background check or drug screen results.
3. If a student is denied access to any clinical affiliate site, the student will not be allowed to complete the clinical requirements of the program at that site.
4. For more information about the background check and drug screening process, you may contact program faculty.

EMT students confirmed for the class are required to submit documentation of a completed Physical Examination form with all required health work. For a checklist of requirements and copies of forms to be submitted visit <http://www.columbiastate.edu/emt-paramedic> incoming students. Evidence of personal health insurance is also required. Documentation of all requirements must be submitted before students will be allowed to schedule clinical rotations.

Applicants who have been convicted of a crime other than a minor traffic violation may be ineligible for licensure by the state of Tennessee. For more information, contact the [State of Tennessee Department of Health Division of EMS](#). Criminal background checks and routine drug screens are required by several affiliate training sites as a condition of participation in clinical education. Based on the results of the criminal background check and drug screen, an affiliated clinical site may elect not to allow an individual student to participate in clinicals at the facility. This could result in inability to successfully complete the requirements of a specific course and program. More information is available from program officials.

Appendix D - Statewide Articulation Agreement



**Statewide Articulation Agreement Between
The Tennessee Community Colleges and
The Tennessee Colleges of Applied Technology
For the Period of Fall 2018 through Spring 2021
For the Program Area: EMT/AEMT/Paramedic (or a related program)**

The Tennessee community colleges hereinafter referred to as the "CC(s)" and the Tennessee colleges of applied technology hereinafter referred to as the "TCAT(s)" have entered into a statewide partnership which promotes student transfer and program articulation. The partnership is for the purpose of providing eligible TCAT students the opportunity to receive college credit upon successful completion of a qualified program at a TCAT and by earning recognized industry certification(s) as identified in "APPENDIX A."

OVERVIEW

In accordance with the guidelines set forth by the Tennessee Board of Regents (TBR), the Tennessee Higher Education Commission (THEC), and the procedures established by the individual CCs, we hereby enter into this Agreement to provide the eligible TCAT students the opportunity to receive college credit upon successful completion of a qualified program at a TCAT and by earning recognized industry certification(s) as identified in "APPENDIX A."

The CCs determine awarded credits based upon the certification earned.

1. TCATs will indicate on student transcripts the specific coursework completed and certifications taken and passed (if known).
2. When evaluating student transcripts, the CC will award credit based on certifications identified in "APPENDIX A."
3. In addition, CCs may also evaluate transcripts on a course-by-course basis.
4. Pre-requisite courses must be considered prior to accepting credit via this agreement.
5. Students must meet the standards and follow the procedures of the individual CC catalog for the year they enrolled in the articulated course/program or follow the current year CC catalog.
6. The awarding of any nontraditional credit (e.g. CLEP, AP credit-by-exam, military services, etc.) may be granted for coursework not identified in "APPENDIX A."
7. Upon an institution's request this agreement will be reviewed.
8. This agreement will remain in effect until modified or rescinded by the duly authorized signatories thereof.
9. The CCs and the TCATs shall:
 - a. Designate a responsible party to provide oversight of details and disseminate general program information to students.
 - b. Determine course(s) to award credit based upon recommendation of content faculty.
 - c. Agree to review every three years the certifications/courses and Student Learning Outcomes for which college credit will be awarded.
 - d. Create an advisory committee to provide perspective to the program regarding the effective coordination between the individual CC(s) and TCAT(s). The advisory committee shall consist of representatives from both the CC(s) and the TCAT(s). The advisory committee shall converse and report annually to their respective boards.
10. This agreement will commence the semester following the signing thereof.

Appendix D - Statewide Articulation Agreement

**Statewide Articulation Agreement Between
the Tennessee Community Colleges and
the Tennessee Colleges of Applied Technology
For the Period of Fall 2018 through Spring 2021
Program Area(s): Emergency Medical Technician /
Advanced Emergency Medical Technician / Paramedic**

APPENDIX A

Awarding of College Credit to EMT or AEMT graduates from
Tennessee Colleges of Technology to an A.A.S. in Paramedic,
Emergency Medical Services, Health Sciences,
(or another appropriate certificate or degree)*

National Credential Earned	Credit Hours	Course Title
National Registry of Emergency Medical Technicians--EMT	6	EMSB 1601 EMT Medical Emergencies and EMS Operations [§]
	6	EMSB 1602 EMT Trauma and Medical Emergencies [§]
	1	EMSB 1101 EMT Medical Skills Lab [§]
	1	EMSB 1102 EMT Trauma and Medical Skills Lab [§]
	1	EMSB 1111 EMT Clinical [§]
	1	EMSB 1112 EMT Field Internship [§]
National Registry of Emergency Medical Technicians--AEMT	5	EMSA 1501 Advanced EMT Medical Emergencies [§]
	5	EMSA 1502 Advanced EMT Trauma and Medical Emergencies [§]
	2	EMSA 1201 Advanced EMT Medical Skills Lab [§]
	2	EMSA 1202 Advanced EMT Trauma and Medical Skills Lab [§]
	1	EMSA 1111 Advanced EMT Clinical [§]
	1	EMSA 1112 Advanced EMT Field Internship [§]

*The campuses which offer a related AAS degree will award the above credit (within the 25% residency parameters). Campuses which require EMT and/or AEMT passing exams/licensure as a prerequisite to the paramedic program will advance students or allow program eligibility to the next appropriate level of courses without duplication (depending on the student's level of licensure and after verification of competency as required by accreditation standards and the National EMS Education Standards), plus other standards of the campus program.

[§] Or campus equivalent

Appendix D - Statewide Articulation Agreement



IN WITNESS WHEREOF:

TENNESSEE BOARD OF REGENTS:

Randy Schulte 2018-08-31 | 3:58 PM CDT
 33FA505002204B0...
Vice Chancellor, Academic Affairs, Randy Schulte **Date**

TENNESSEE COLLEGE OF APPLIED TECHNOLOGY KNOXVILLE:

Dwight Murphy 2018-09-04 | 9:29 AM CDT
 5F77C5085532459...
President, Dwight Murphy **Date**

TENNESSEE COLLEGE OF APPLIED TECHNOLOGY LIVINGSTON:

Myra West 2018-09-04 | 11:23 AM CDT
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President, Myra West **Date**

TENNESSEE COLLEGE OF APPLIED TECHNOLOGY ONEIDA:

Dwight Murphy 2018-09-04 | 2:05 PM CDT
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President, Dwight Murphy **Date**

CHATTANOOGA STATE COMMUNITY COLLEGE:

Rebecca Ashford 2018-09-05 | 7:40 AM CDT
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President, Rebecca Ashford **Date**

CLEVELAND STATE COMMUNITY COLLEGE:

William Seymour 2018-09-04 | 2:48 PM CDT
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President, William Seymour **Date**

COLUMBIA STATE COMMUNITY COLLEGE:

Janet F. Smith 2018-09-04 | 3:16 PM CDT
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President, Janet Smith **Date**

DYERSBURG STATE COMMUNITY COLLEGE:

Karen Bowyer 2018-09-06 | 6:53 PM CDT
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President, Karen Bowyer **Date**

JACKSON STATE COMMUNITY COLLEGE:

Allana Hamilton 2018-09-05 | 7:49 AM CDT
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President, Allana Hamilton **Date**

MOTLOW STATE COMMUNITY COLLEGE:

Michael Torrence 2018-09-05 | 9:46 PM CDT
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President, Michael Torrence **Date**

DS
 HT

Appendix D - Statewide Articulation Agreement

**NORTHEAST STATE COMMUNITY COLLEGE:**

James D. King

2018-09-06 | 5:12 PM CDT

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President, James King

Date

ROANE STATE COMMUNITY COLLEGE:

Chris Whaley

2018-09-04 | 2:06 PM CDT

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President, Chris Whaley

Date

SOUTHWEST TENNESSEE COMMUNITY COLLEGE:

Tracy Hall

2018-09-06 | 2:19 PM CDT

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President, Tracy Hall

Date

VOLUNTEER STATE COMMUNITY COLLEGE:

Jerry Faulkner

2018-09-05 | 10:48 AM CDT

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President, Jerry Faulkner

Date

WALTERS STATE COMMUNITY COLLEGE:

Tony Miksa

2018-09-06 | 9:58 AM CDT

90EF5E334FAP426...

President, Tony Miksa

Date

TENNESSEE BOARD OF REGENTS:

Flora W. Tydings

DS
RS

2018-10-01 | 8:06 AM CDT

33FA505002204B0...

Chancellor, Flora Tydings

Date